Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of the Claims:

1. (Original) A method for controlling a power state of a subsystem, comprising:

   receiving from the subsystem a message; and

   setting the power state of the subsystem based on the message.

2. (Original) The method according to claim 1, wherein the message is selected from the group consisting of a full wakeup, a limited wakeup, a resume previous state, and a status request.

3. (Original) The method according to claim 1, wherein setting the power state of the subsystem based on the message further comprises acknowledging a received subsystem message.

4. (Original) The method according to claim 1, wherein receiving from the subsystem a message is performed without involvement of a main operating system.

5. (Original) The method according to claim 1, wherein setting the power state of the subsystem based on the message is performed without involvement of a main operating system.

6. (Original) A method for controlling a power state of a subsystem, comprising:

receiving from a controller a message; and

performing an operation based on the message.

7. (Original) The method according to claim 6, wherein the message is selected from the group consisting of shutdown, synchronize, status request, and reset.

8. (Original) The method according to claim 6, wherein performing an operation based on the message further comprises acknowledging a received controller message.

9. (Original) The method according to claim 6, wherein receiving from a controller a message is performed without involvement of a main operating system.

10. (Original) The method according to claim 6, wherein performing an operation based on the message is performed without involvement of a main operating system.

11. (Original) The method according to claim 6, wherein performing an operation based on the message is substantially performed by the subsystem.

12. (Original) A machine-readable medium having stored thereon instructions, which when executed by a processor, causes said processor to perform the following:

receive input signals;

communicate with a subsystem;

determine a desired power state for the subsystem based upon received input signals and communications with the subsystem; and

communicate to the subsystem the desired power state.

13. (Original) The machine-readable medium according to claim 12, wherein receive input signals comprises receiving a user initiated signal, or receiving a signal indicative of remaining battery capacity, or a combination of receiving a user initiated signal and receiving a signal indicative of remaining battery capacity.

14. (Original) The machine-readable medium according to claim 12, wherein communicate with a subsystem further comprises the subsystem to acknowledge a communication.

15. (Original) A system, comprising:

an power state controller having an input port, an output port, and a communications channel;

a user input coupled to the power state controller input port;

an energy monitor signal coupled to the power state controller input port; and

a subsystem coupled to the power state controller output port and the power state controller communications channel.

16. (Original) The system of claim 15, wherein the user input is a switch to turn the system on and off.

17. (Original) The system of claim 15, wherein the energy monitor signal is indicative of a remaining battery capacity.

18. (Original) An apparatus for controlling subsystem power, comprising:

means for receiving input signals;

means for communicating with a subsystem;

means for determining a desired power state for the subsystem based upon the received input signals and communications with the subsystem; and

means for communicating to the subsystem the desired power state.

19. (Original) The apparatus of claim 18, wherein means for receiving input signals comprises means for receiving a user initiated signal, or means for receiving a signal indicative of remaining battery capacity, or a combination of means for receiving a user initiated signal and means for receiving a signal indicative of remaining battery capacity.

20. (Original) The apparatus of claim 18, wherein means for communicating with a subsystem further comprises means for the subsystem to acknowledge a communication

21. (Original) A computer based system, comprising:

an energy source;

a monitoring device coupled to the energy source and providing a signal indicative of remaining energy capacity;

a power state controller coupled to the signal indicative of remaining energy capacity;

a subsystem coupled to the power state controller; and

a communications link coupling the power state controller to the subsystem.

22. (Original) The computer based system according to claim 21, wherein the communications link coupling the power state controller to the subsystem comprises a link having lower bandwidth than a main system bus in the computer based system.

23. (Original) The computer based system according to claim 21, wherein the communications link is operable without the use of a main operating system.